Optical Modules
PRODUCT INFORMATION

Allied Telesis

AT-SP10ER40/I
10 GIGABIT SMALL FORM-FACTOR PLUGGABLE

The SP10 Series offers the latest industry standard 10Gigabit Ethernet connectivity in a flexible, small form-factor. These hot swappable optical interfaces simply plug into an SFP+ slot in any compatible Allied Telesis product for simple migration to 10Gbps data rates.

Options
The SP10 series offers both short-haul and long-haul solutions. The hot swappable feature of the SP10 series allows for network changes without necessarily having to remove or reconfigure costly 10GbE network equipment. Simply change the SFP+ to meet the new transport demands.

Interoperability
Allied Telesis SFP+ is fully compliant with industry standard networking regulations. This compliance allows Allied Telesis SFP+ modules to be used on any networking equipment which complies with industry standards.

Product Compatibility
The SP10 series of SFPs are compatible with all the Allied Telesis range of products that support SFP+ uplink connections.

Key Features
- 10Gbps data rate
- Compact size
- Flexible architecture
- Hot-swappable
- RoHS compliant
- Digital Diagnostics Monitoring (DDM)
- Compliant to SFP+ Electrical MSA SFF-8431
- Compliant to SFP+ Mechanical MSA SFF-8432
- Laser Class 1 IEC/CDRH compliant
- Lower power consumption
- EMI immunity
- Industrial temperature

MODEL	MEDIA TYPE	WAVELENGTH	TRANSMIT	
			MAXIMUM DATA RATE	DISTANCE
AT-SP10ER40/I	SMF	1550 nm	10.3Gbps	40 km

Specifications

Environmental
Operating temperature: -40°C to 85°C (-40°F to 185°F)
Operating humidity: 0 to 85% non-condensing
Storage temperature: -40°C to 85°C (-40°F to 185°F)
Storage humidity: 0 to 85% non-condensing

Power Consumption
< 1W

Optical Characteristics

Parameter	*Min.*	*Typ*	*Max.*	*Unit*
Transmit	-4.7		-14	dBm
Receive sensitivity			-14.1	dBm

Digital diagnostics: Yes

Fiber connectors: LC

Ordering Information
AT-SP10ER40/I
1550 nm (40 km with SMF)

Allied Telesis the solution : the network

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